

Calibrations Telecon

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Kyler Kuehn

- * PreCam Instrumentation Paper
 - * v3+ Photometry
 - * Zemax analysis of C-S

PreCam, the Precursor Instrument to the Dark Energy Camera

K. Kuehn

High Energy Physics Division, Argonne National Laboratory, Lemont, IL 60439

kkuehn@anl.gov

T. Bailey

Princeton University, Princeton, NJ 08544

S. Kuhlmann

High Energy Physics Division, Argonne National Laboratory, Lemont, IL 60439

H. Spinka

High Energy Physics Division, Argonne National Laboratory, Lemont, IL 60439

S. Allam

Currently implementing comments from JB, RK
To be submitted to Experimental Astronomy in 1-2 weeks

ANL Photometry

- Expanding from just looking at median photometric value to explore range of variations in stacked images
- Concluding v3+ single-epoch photometry for Golden Nights, final values compared to SDSS/USNO/Southern Standard stars will go into paper next week

Zemax

- Changing parameters even marginally for asphere led to enormous spot size increases
- Tolerance testing leads to realistic results (spot size 1-4 pix)
- Field Flattener yields best “Best” result as well as best “Mean” result, but not best “Expected” result given Default Tolerances
- What variations can we tolerate, particularly in radius of curvature for Field Flattener?